

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/000416

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: C12N 5/00, 5/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
CAPLUS, MEDLINE, WPIDS: multipotent, precursor, pluripotent, omnipotent, progenitor, stem cell, muc18, CD146, STRO-1, smooth muscle actin, 3g5, MPC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2001/004268 A1 MEDVET SCIENCE PTY LTD (18 January 2001) See entire document	1-8, 10-13, 15-23, 25-48, 50-67
X	SHI, S. et al (2001) "Comparison of Human Dental Pulp and Bone Marrow Stromal Stem Cells by cDNA Microarray Analysis" <i>Bone</i> , 29(6):532-539. See entire document	1-39
X	JONES, E. A. et al (2002) "Isolation and Characterization of Bone Marrow Multipotential Mesenchymal Progenitor Cells" <i>Arthritis & Rheumatism</i> , 46(12):3349-60.	1-39
X	GRONTHOS, S. et al (2002) "Stem Cell Properties of Human Dental Pulp Stem Cells" <i>J. Dent. Res.</i> , 81(8):531-535.	1-39
X	See entire document	1-39

Further documents are listed in the continuation of Box C

See patent family annex

<p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"B" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p>
---	---

Date of the actual completion of the international search
10 May 2004

Date of mailing of the international search report

17 MAY 2004

Name and mailing address of the ISA/AU
AUSTRALIAN PATENT OFFICE
PO BOX 200, WODEN ACT 2606, AUSTRALIA
E-mail address: pct@ipaustralia.gov.au
Facsimile No. (02) 6285 3929

Authorized officer

PHILIPPA WYRDEMAN
Telephone No : (02) 6283 2554

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/000416

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report	Patent Family Member
WO 2001/004268	AU 56636/00

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX